

Title (en)

COMPRESSED IMAGE DATA FILE CREATION METHOD, IMAGE DATA COMPRESSION DEVICE, AND IMAGING DEVICE

Title (de)

ERZEUGUNGSVERFAHREN FÜR KOMPRIMIERTE BILDDATEIEN, BILDDATENKOMPRIMIERUNGSEINRICHTUNG UND ABBILDUNGSEINRICHTUNG

Title (fr)

MÉTHODE DE CRÉATION DE FICHIER DE DONNÉES D'IMAGE COMPRESSÉ, DISPOSITIF DE COMPRESSION DE DONNÉES D'IMAGE ET DISPOSITIF D'IMAGERIE

Publication

**EP 1737238 A1 20061227 (EN)**

Application

**EP 04726795 A 20040409**

Priority

JP 2004005108 W 20040409

Abstract (en)

A method for carrying out a step of extracting a portion of a predetermined size from the image data, and a step of preparing a predetermined number of compressed partial data compressed with different compression parameter values by repeating preparation of compressed partial data by compressing the partial data in predetermined format for the predetermined number of times with the compression parameter value used in the predetermined format changed for each compression, on the entire image data. The method also calculates the total of the data sizes of all of the compressed partial data compressed with the same compression parameter value for each of the compression parameter values and prepares the compressed image data file from compressed partial data compressed with a compression parameter value for which the total is not larger than a given threshold and which is the closest value to the threshold.

IPC 8 full level

**H04N 1/41** (2006.01); **H04N 7/24** (2006.01); **H04N 19/00** (2014.01); **H04N 19/115** (2014.01); **H04N 19/126** (2014.01); **H04N 19/136** (2014.01); **H04N 19/146** (2014.01); **H04N 19/172** (2014.01); **H04N 19/186** (2014.01); **H04N 19/189** (2014.01); **H04N 19/196** (2014.01); **H04N 19/423** (2014.01); **H04N 19/46** (2014.01); **H04N 19/625** (2014.01); **H04N 19/70** (2014.01); **H04N 19/88** (2014.01); **H04N 19/91** (2014.01)

CPC (source: EP US)

**H04N 19/124** (2014.11 - EP US); **H04N 19/152** (2014.11 - EP US); **H04N 19/60** (2014.11 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1737238 A1 20061227**; **EP 1737238 A4 20101215**; CN 1954611 A 20070425; JP 4406640 B2 20100203; JP WO2005101849 A1 20080306; US 2007098284 A1 20070503; US 7477796 B2 20090113; WO 2005101849 A1 20051027

DOCDB simple family (application)

**EP 04726795 A 20040409**; CN 200480043118 A 20040409; JP 2004005108 W 20040409; JP 2006512203 A 20040409; US 54501106 A 20061006